

ORDER FOR SUPPLIES OR SERVICES										PAGE 1 OF 10													
1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. N00039-11-D-0030			2. DELIVERY ORDER/ CALL NO. 0113		3. DATE OF ORDER/CALL (YYYYMMDD) 2015 Apr 09		4. REQ./ PURCH. REQUEST NO. 1300488419		5. PRIORITY														
6. ISSUED BY SPAWAR SYSTEMS CENTER PACIFIC ALTHEA KANEASTER CODE 22410 ALTHEA.KANEASTER@NAVY.MIL 53560 HULL STREET SAN DIEGO CA 92152-5001			CODE N66001		7. ADMINISTERED BY (if other than 6) DCMA VIRGINIA 10500 BATTLEVIEW PARKWAY SUITE 200 MANASSAS VA 20109			CODE S2404A SCD: C		8. DELIVERY FOB <input checked="" type="checkbox"/> DESTINATION <input type="checkbox"/> OTHER (See Schedule if other)													
9. CONTRACTOR AMSEC LLC NAME (b)(4) AND 2829 GUARDIAN LN ADDRESS VIRGINIA BEACH VA 23452-7328			CODE 1LT84		FACILITY		10. DELIVER TO FOB POINT BY (Date) (YYYYMMDD) SEE SCHEDULE		11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED														
							12. DISCOUNT TERMS		13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15														
14. SHIP TO SPAWAR SYSTEMS CENTER RECEIVING OFFICER 4297 PACIFIC HWY, BLDG OT7 SAN DIEGO CA 92110			CODE N69255		15. PAYMENT WILL BE MADE BY DFAS COLUMBUS CENTER DFAS-CO/SOUTH ENTITLEMENT OPERATIONS P.O. BOX 182264 COLUMBUS OH 43218-2264			CODE HQ0338		MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; padding: 5px;">16. TYPE OF ORDER</td> <td style="width: 10%; padding: 5px;">DELIVERY/ CALL</td> <td style="width: 5%; padding: 5px;"><input checked="" type="checkbox"/></td> <td style="padding: 5px;">This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.</td> </tr> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;">PURCHASE</td> <td style="padding: 5px;"><input type="checkbox"/></td> <td style="padding: 5px;">Reference your quote dated</td> </tr> <tr> <td colspan="4" style="padding: 5px;">Furnish the following on terms specified herein. REF:</td> </tr> </table>												16. TYPE OF ORDER	DELIVERY/ CALL	<input checked="" type="checkbox"/>	This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.		PURCHASE	<input type="checkbox"/>	Reference your quote dated	Furnish the following on terms specified herein. REF:			
16. TYPE OF ORDER	DELIVERY/ CALL	<input checked="" type="checkbox"/>	This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.																				
	PURCHASE	<input type="checkbox"/>	Reference your quote dated																				
Furnish the following on terms specified herein. REF:																							
ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.																							
<table style="width: 100%;"> <tr> <td style="width: 33%;">NAME OF CONTRACTOR</td> <td style="width: 33%;">SIGNATURE</td> <td style="width: 33%;">TYPED NAME AND TITLE</td> <td style="width: 1%;">DATE SIGNED (YYYYMMDD)</td> </tr> <tr> <td colspan="4" style="padding: 5px;"><input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:</td> </tr> </table>												NAME OF CONTRACTOR	SIGNATURE	TYPED NAME AND TITLE	DATE SIGNED (YYYYMMDD)	<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:							
NAME OF CONTRACTOR	SIGNATURE	TYPED NAME AND TITLE	DATE SIGNED (YYYYMMDD)																				
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:																							
17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE																							
See Schedule																							
18. ITEM NO.		19. SCHEDULE OF SUPPLIES/ SERVICES			20. QUANTITY ORDERED/ ACCEPTED*		21. UNIT	22. UNIT PRICE		23. AMOUNT													
		SEE SCHEDULE																					
* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.					24. UNITED STATES OF AMERICA TEL: 619-553-0661 EMAIL: joaquin.sanchez@navy.mil BY: Joaquin Sanchez		(b)(6)		25. TOTAL \$1,383,478.01														
27a. QUANTITY IN COLUMN 20 HAS BEEN							26. DIFFERENCES																
<input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED																							
b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE					c. DATE (YYYYMMDD)		d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE																
e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE					28. SHIP NO.		29. DO VOUCHER NO.		30. INITIALS														
f. TELEPHONE NUMBER		g. E-MAIL ADDRESS			<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32. PAID BY		33. AMOUNT VERIFIED CORRECT FOR														
36. I certify this account is correct and proper for payment.					31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL				34. CHECK NUMBER														
a. DATE (YYYYMMDD)		b. SIGNATURE AND TITLE OF CERTIFYING OFFICER							35. BILL OF LADING NO.														
37. RECEIVED AT		38. RECEIVED BY		39. DATE RECEIVED (YYYYMMDD)		40. TOTAL CONTAINERS		41. S/R ACCOUNT NO.		42. S/R VOUCHER NO.													

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0012		1	Lot		NSP
EXERCISED OPTION	CDRL FPI FOB: Destination				
TARGET COST					\$0.00
TARGET PROFIT					\$0.00
TOTAL TARGET PRICE					<hr/> \$0.00
CEILING PRICE					\$0.00
SHARE RATIO ABOVE TARGET					
SHARE RATIO BELOW TARGET					

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1008		1	Lot		\$1,383,478.01

EXERCISED
OPTION

Services and ODCs

FPI

This is a Completion / Non-Severable / Fixed Price Incentive Fee(FPIF) Type Task Order.

ODCs: Including Miscellaneous Subcontracts, Material / Equipment / Transportation, Travel / Per Diem.

For individual JID period of performance, refer to PWS paragraph 1.2.

Contractor shall provide installation support services for Hardware Installation and SOVT of C4I Systems on (b)(7)(e), Pearl Harbor, HI

Total direct labor hours for this task order is (b)(4)

MAIL TO (COR COPIES/MISC. DOCUMENTS)

Receiving Officer

N69255 SPAWAR Systems Center San Diego

Code 42110 (b)(6)

4297 Pacific Highway, Bldg OT7

San Diego, CA 92110

FOB: Destination

PURCHASE REQUEST NUMBER: 1300488419

TARGET COST

(b)(4)

TARGET PROFIT

(b)(4)

TOTAL TARGET PRICE

\$1,383,478.01

CEILING PRICE

(b)(4)

SHARE RATIO ABOVE TARGET

50/50

SHARE RATIO BELOW TARGET

50/50

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100801	(b)(7)(e) CSRR		Lot		\$0.00
	FPI				
	JID 119060				
	FPI Services and ODCs IAW the SOW				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: 1300488419				
				TARGET COST	\$0.00
				TARGET PROFIT	\$0.00
				TOTAL TARGET PRICE	\$0.00
				CEILING PRICE	\$0.00
				SHARE RATIO ABOVE TARGET	
				SHARE RATIO BELOW TARGET	
	ACRN AA				\$1,383,478.01
	CIN: 130048841900001				

Section E - Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0012	Destination	Government	Destination	Government
1008	Destination	Government	Destination	Government
100801	Destination	Government	Destination	Government

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0012	(b)(7)(e)	N/A	SPAWAR SYSTEMS CENTER RECEIVING OFFICER 4297 PACIFIC HWY, BLDG OT7 SAN DIEGO CA 92110 (619) 524-2271 FOB: Destination	N69255
1008		N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N69255
100801	N/A	N/A	N/A	N/A

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 97X4930 NH3P 252 77777 0 050120 2F 000000
COST CODE: A00002800076
AMOUNT: \$1,383,478.01
CIN 130048841900001: \$1,383,478.01

CLAUSES INCORPORATED BY FULL TEXT

252.204-0012 Line Item Specific: by Contractor Invoice. (February 2013)

PGI 204.7108(d)(12) Other:

Justification: Funds assigned are Navy Working Capital Fund, the organizations that send us funds (sponsors) require specific Job Order Number or Budget Structure tracking to the sub-tasks or individual ship or shore installations identified in the task order requirements. Therefore, we cannot use PGI clauses 001-011, use of 012 is needed.

Payment Instructions: The payment office shall make payment using the ACRN funding of the informational sub-line being billed. Per contract clause G-317, the contractor shall cite on each invoice the contract line item number (CLIN); the contract subline item number (SLIN), and the accounting classification reference number (ACRN).

Line Item	ACRN
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100801	AA
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252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (MAY 2013)

(a) Definitions. As used in this clause--

Department of Defense Activity Address Code (DoDAAC) is a six position code that uniquely identifies a unit, activity, or organization.

Document type means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

Local processing office (LPO) is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) Electronic invoicing. The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

(c) WAWF access. To access WAWF, the Contractor shall--

- (1) Have a designated electronic business point of contact in the Central Contractor Registration at <https://www.acquisition.gov>; and
- (2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this Web site.
- (d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the “Web Based Training” link on the WAWF home page at <https://wawf.eb.mil/>.
- (e) WAWF methods of document submission. Document submissions may be via Web entry, Electronic Data Interchange, or File Transfer Protocol.
- (f) WAWF payment instructions. The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

(1) Document type. The Contractor shall use the following document type(s).

2-n-1 (services only)

(2) Inspection/acceptance location. The Contractor shall select the following inspection/acceptance location(s) in WAWF, as specified by the contracting officer.

N66001

(3) Document routing. The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

Routing Data Table*

Field Name in WAWF	Data to be entered in WAWF
Pay Official DoDAAC	HQ0338
Issue By DoDAAC	N66001
Admin DoDAAC	S2404A
Inspect By DoDAAC	N66001
Ship To Code	N/A
Ship From Code	N/A
Mark For Code	N/A
Service Approver (DoDAAC)	N66001
Service Acceptor (DoDAAC)	N66001
Accept at Other DoDAAC	N/A
LPO DoDAAC	N/A
DCAA Auditor DoDAAC	N/A
Other DoDAAC(s)	N/A

(*Contracting Officer: Insert applicable DoDAAC information or “See schedule” if multiple ship to/acceptance locations apply, or “Not applicable.”)

(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) WAWF email notifications. The Contractor shall enter the email address identified below in the “Send Additional Email Notifications” field of WAWF once a document is submitted in the system.

Send Additional Email Notification(s) to:			
Name	Email	Phone	Role
(b)(6)		(619) 524-2485	COR

(g) WAWF point of contact. (1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

Not Applicable

(2) For technical WAWF help, contact the WAWF helpdesk at 866-618-5988.

(End of clause)

ENTERPRISE CONTRACTOR MANPOWER REPORTING APPLICATION (ECMRA)

The contractor shall report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the Space and Naval Warfare Systems Command (SPAWAR) via a secure data collection site. The contractor is required to completely fill in all required data fields using the following web address <https://doncmra.nmci.navy.mil>.

Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year. Contractors may direct questions to the help desk, linked at <http://www.ecmra.mil>.

For purposes of ECMRA reporting, the Federal Supply Code / Product Service Code applicable to this contract/order is J059.

Section J - List of Documents, Exhibits and Other Attachments

ATTACHMENTS

Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Exhibit A	CDRL	13	26 Mar 2015
Attachment 1	PWS Rev A	10	02 Mar 2015
Attachment 2	QASP	2	
Attachment 3	NAVSEA Standard Items	1	
Attachment 4	Environmental Agreement for Contractors on Ship Projects	8	17-FEB-2009
Attachment 6	Contractor Environmental Checklist	3	09-JUN-2010

**SSC PACIFIC
PERFORMANCE WORK STATEMENT
FIXED PRICE INCENTIVE (FIRM TARGET)
REVISION A**

DATE: 11 February 2015 (Rev A: 2 March 2015)

TO RFP: 4014

EMR: 42100.50421

START: Upon Award

SHORT TITLE: Hardware and Software Installation and SOVT of C4I Systems on (b)(7)(e)
(b)(7)(e) Pearl Harbor, HI.

Revision A: Adds kitting verification requirement; minor changes throughout.

1.0 SCOPE

This performance-based effort encompasses a wide range of C4ISR installation support services for Hardware and Software on board (b)(7)(e). The Government reserves the right to modify this task order by adding Jobs after award that are within the scope of this PWS. This Task Order is NON-SEVERABLE.

1.1 PLACES OF PERFORMANCE

1.1.1 Onboard (b)(7)(e) Pearl Harbor, HI

1.1.2 SPAWARSYSCEN PAC facilities

1.1.3 Contractor's facilities

1.2 SCHEDULE OF REQUIRED SYSTEMS

1.2.1 Ships Availability (b)(7)(e) (b)(7)(e)

1.2.2 SCHEDULE OF REQUIRED SYSTEMS

Ship/System	Job ID	Installation and SOVT	Period of Performance
(b)(7)(e)			
CSRR INC1V3, SA 4697KP (Including NMT SA 4605 and linked tasks)	119060	(b)(7)(e)	

The time period the ship/submarine is available is fixed, as is the period of performance for this task order (TO.) It should be noted that the planned production/install and testing/SOVT window dates specified in this PWS for the individual Job IDs on this TO may be more limited than the dates of the ship's/submarine's availability. A CORN will not be authorized based on the contractor's ability/inability to start performance on individual job IDs provided the work can still be completed within the production/install and testing/SOVT window dates provided in the PWS, Section 1.2. If the Government changes the aforementioned planned production/install and/or testing/SOVT window dates, (i.e., the date is compressed or extended) a CORN may be considered. Therefore, the Contractor should ensure adequate flexibility in staffing and resources to adapt to potential limitations to perform the work associated to individual Job IDs. The inability to accommodate a reasonable level of flexibility within the planned

production/install and testing/SOVT window dates provided in the PWS must be clearly identified in the offeror's proposal.

Ship's nesting period begins on 10 APR 15, with a 28 APR 15 start of availability. Early start date of 14 APR 15 is authorized to set up job site, turn in WAFs/TWDs to LMA Code 246 and removal of equipment associated with CSRR and NMT (113389).

All Work Authorization Forms (WAFs)/Technical work Documents (TWDs) and supporting documents must be submitted a minimum of 14 days prior to the desired start of work.

The Contractor must be able to provide sufficient technical expertise, services and materials as necessary to effectively and efficiently install, verify operation, troubleshoot and provide end user training for the systems listed above as defined in this PWS.

During performance, the use of web-enabled tools for management will be maximized. Status reporting, financial reporting, task orders, and task order modifications will be accomplished via posting to the Regional Installation Management Office (IMO) web-enabled databases. To the maximum extent practical, all deliverables under this contract shall be delivered in formats compatible with the latest NMCI Gold Disk applications.

The technical representative assisting the contracting officer (KO) in the administration of the whole contract is the Contracting Officer's Representative (COR) who has no contractual authority to obligate the government. The Contractor is reminded that only the Ordering Officer (or other designated Contracting Officer) has the authority to obligate the government and make changes to this task order. No other government personnel have such authority.

2.0 REFERENCES

2.1 Specifications and Standards

- 2.1.1** SPAWAR Global C4ISR Installations Contract (SE II)
- 2.1.2** NAVSEA Tech Spec 9090-310E – Alterations to Ships Accomplished by alteration Installation Teams (AITs)
- 2.1.3** NAVSEA Standard Items, FY-15
- 2.1.4** Code of Federal Regulations Title 26, part 1915 (Occupational Safety and Health Requirements for Shipyard Employment)
- 2.1.5** DOD 8570.01-M, Information Assurance Workforce Improvement Program.
- 2.1.6** MIL-STD-2073D, Standard Practice for Military Packaging

2.2 Government Furnished Information – Upon award, Contractor shall submit a LAR Request for all SIDs/SRDs and LARS applicable to the Shipalts on this Task Order. Any changes from, or additions to, the provided GFI shall be adjudicated through the Change Order Process. LARS/RLARS identified below with an asterisk * are applicable to the drawings, but not available at this time.

2.2.1 NMT Q BAND INSTALLATION S/A 4605KP SIDS AND LARS

- 2.2.1.1 00409-8206733 Rev -**, COMMUNICATION RACK MODS TO SUPPORT INSTALLATION OF AN/BSC-3(V) NMT
 - 2.2.1.1.1** LAR-78836
 - 2.2.1.1.2** RLAR-22024
 - 2.2.1.1.3** RLAR-23273
- 2.2.1.2 00401-8207311 Rev -**, CKT C-2ML MOD TO SPRT NMT AN/BSC-3(V) CAD & WT
 - 2.2.1.2.1** RLAR-21789
 - 2.2.1.2.2** RLAR-21943

2.2.1.2.3 RLAR-23913
 2.2.1.3 **00410-8207312 Rev -**, CKT LC MOD TO SPRT NMT AN/BSC-3(V) CAD & WT
 2.2.1.3.1 LAR-79021
~~2.2.1.3.2 RLAR-21951~~
 2.2.1.3.3 RLAR-23305
 2.2.1.4 **00409-8207314 Rev A**, NMT AN/BSC-3(V) RIPOUT CABLING DIAGRAM
 2.2.1.4.1 RLAR-23272
 2.2.1.4.2 **RLAR-24356 ***
 2.2.1.5 **00409-8207315 Rev A**, NMT AN/BSC-3(V) INSTALLATION CABLING DIAGRAM
 2.2.1.5.1 LAR-78010 *
 2.2.1.5.2 LAR-78620
 2.2.1.5.3 LAR-78641
 2.2.1.5.4 LAR-79574A
 2.2.1.5.5 LAR-79713
 2.2.1.5.6 LAR-79767
 2.2.1.5.7 LAR-79880
 2.2.1.5.8 LAR-80470
 2.2.1.5.9 LAR-81710
 2.2.1.5.10 LAR-84324
 2.2.1.5.11 RLAR-23246
 2.2.1.5.12 RLAR-24351
 2.2.1.6 **00409-8207316 Rev A**, NMT AN/BSC-3(V) WIRING TABLE
 2.2.1.6.1 LAR-76779A
 2.2.1.6.2 LAR-78010
 2.2.1.6.3 LAR-78620
 2.2.1.6.4 LAR-78738
 2.2.1.6.5 LAR-78898
 2.2.1.6.6 LAR-79574A
 2.2.1.6.7 LAR-79755
 2.2.1.6.8 LAR-79812
 2.2.1.6.9 LAR-79812A
 2.2.1.6.10 LAR-79880
 2.2.1.6.11 LAR-79881
 2.2.1.6.12 LAR-84324
 2.2.1.6.13 RLAR-23255
 2.2.1.7 **00516-8207318 Rev A**, EAFW COOLING SYSTEM MOD TO SUIT NMT AN/BSC-3(V)
 2.2.1.7.1 LAR-79721
 2.2.1.7.2 RLAR-23503
 2.2.1.8 **00516-8207319 Rev A**, EAFW COOLING SYSTEM ARR MOD TO SUIT NMT AN/BSC-3(V)
 2.2.1.8.1 LAR-76276
 2.2.1.8.2 LAR-78086
 2.2.1.8.3 **LAR-79721 ***
 2.2.1.8.4 LAR-81645
 2.2.1.8.5 LAR-83494
 2.2.1.8.6 LAR-83593
 2.2.1.8.7 RLAR-21164
 2.2.1.8.8 RLAR-23579
 2.2.1.8.9 RLAR-24112
 2.2.1.9 **00445-8207324 Rev A**, MISC ARR MODS TO SPRT NMT AN/BSC-3(V)
 2.2.1.9.1 LAR-76276
 2.2.1.9.2 LAR-76567
 2.2.1.9.3 RLAR-21983
 2.2.1.9.4 RLAR-23356

2.2.1.9.5 RLAR-24310
 2.2.1.10 **00302-8207330 Rev A**, PWR MODS TO SPRT NMT AN/BSC-3(V)
 2.2.1.10.1 LAR-79620
 2.2.1.10.2 LAR-83694
 2.2.1.10.3 LAR-83808
 2.2.1.10.4 RLAR-23405
 2.2.1.10.5 RLAR-23692
 2.2.1.10.6 RLAR-24147
 2.2.1.10.7 **RLAR-24316 ***
 2.2.1.11 **00302-8207382 Rev -**, CABLE ROUTING WIREWAY AND AEH MODS TO SPRT NMT AN/BSC-3(V)
 2.2.1.11.1 LAR-76567
 2.2.1.11.2 LAR-78620
 2.2.1.11.3 LAR-78641
 2.2.1.11.4 LAR-78853
 2.2.1.11.5 LAR-79793
 2.2.1.11.6 LAR-79805
 2.2.1.11.7 LAR-80190A
 2.2.1.11.8 LAR 83315
 2.2.1.11.9 LAR-84218
 2.2.1.11.10 RLAR-23079
 2.2.1.11.11 RLAR 23427
 2.2.1.11.12 RLAR-24334
 2.2.1.12 **00113-8207442 Rev B**, NMT AN/BSC-3(V) – RIPOUT AND INSTALL FOUNDATIONS
 2.2.1.12.1 LAR-76276

 2.2.2 **COMMON SUB RADIO ROOM (CSRR), AN BSC-3(V), S/A 4697KP SIDS AND LARS**
 2.2.2.1 **00501-8207811 Rev -**, VENT PARTIAL DIAGRAM TO INSTALL CSRR IN 01 VER 3
 2.2.2.1.1 LAR-84652
 2.2.2.2 **00501-8207812 Rev -**, VENT **MOD** TO INSTALL CSRR IN 01 VER 3
 2.2.2.2.1 LAR-78309
 2.2.2.2.2 LAR-78671
 2.2.2.2.3 LAR-79795
 2.2.2.2.4 LAR-79883
 2.2.2.2.5 LAR-80224
 2.2.2.2.6 LAR-81491
 2.2.2.2.7 LAR-83094A
 2.2.2.2.8 LAR-83295
 2.2.2.2.9 LAR-83295A
 2.2.2.2.10 LAR-83295B
 2.2.2.2.11 LAR-84483
 2.2.2.2.12 LAR-84776
 2.2.2.2.13 RLAR-21428
 2.2.2.2.14 RLAR-23081
 2.2.2.3 **00401-8207823 Rev -**, INTEGRATED ANNOUNCING SYSTEM IC CKT “MC” MOD TO SUPPORT INSTL OF CSRR
 2.2.2.3.1 RLAR-24078
 2.2.2.4 **00401-8207824 Rev -**, IC CKT “LC” “Y” & “1DB” MOD TO SUPPORT INSTL OF CSRR
 2.2.2.4.1 RLAR-21728
 2.2.2.4.2 RLAR 21799
 2.2.2.5 **00401-8207826 Rev -**, SOUND POWERED TELEPHONE SYSTEM IC CKT “SJ” MOD TO SUPPORT INSTL OF CSRR
 2.2.2.5.1 LAR-77321
 2.2.2.5.2 RLAR-21938

2.2.2.5.3 RLAR-23145
2.2.2.6 **00401-8207827 Rev -**, SOUND POWERED TELEPHONE SYSTEM IC CKT "2JX" AND "E" MOD TO SUPPORT INSTL OF CSRR
2.2.2.6.1 LAR-78799
2.2.2.6.2 RLAR-21939
2.2.2.7 **00445-8207831 Rev -**, CSRR – MISC ARR MODS TO SUPPORT INSTALLATION OF CSRR
2.2.2.7.1 LAR-78446
2.2.2.7.2 LAR-80907A
2.2.2.7.3 LAR-83368
2.2.2.7.4 LAR-84118
2.2.2.7.5 RLAR-23050
2.2.2.7.6 RLAR-23216
2.2.2.7.7 RLAR-23270
2.2.2.7.8 RLAR-23507
2.2.2.7.9 **RLAR-24094**
2.2.2.7.10 RLAR-24165
2.2.2.7.11 RLAR-24209
2.2.2.7.12 RLAR-24367
2.2.2.8 **00409-8207832 Rev -**, COMMUNICATION SYSTEM RIPOUT CAD TO SPRT CSRR
2.2.2.8.1 LAR-77821A
2.2.2.8.2 LAR-78122A
2.2.2.8.3 LAR-78306
2.2.2.8.4 LAR-78385
2.2.2.8.5 LAR-78446
2.2.2.8.6 LAR-79470
2.2.2.8.7 LAR-79060
2.2.2.8.8 LAR-79720
2.2.2.8.9 LAR-80810
2.2.2.8.10 LAR-81063
2.2.2.8.11 LAR-81068
2.2.2.8.12 LAR-81220
2.2.2.8.13 LAR-81439
2.2.2.8.14 LAR-82756
2.2.2.8.15 LAR-82831A
2.2.2.8.16 LAR-82845
2.2.2.8.17 LAR-82930
2.2.2.8.18 LAR-84221
2.2.2.8.19 LAR-84265A
2.2.2.8.20 LAR-84499
2.2.2.8.21 RLAR-23087
2.2.2.8.22 RLAR-23840
2.2.2.8.23 RLAR-23964
2.2.2.8.24 RLAR-24018
2.2.2.8.25 RLAR-24198
2.2.2.8.26 **RLAR-24362 ***
2.2.2.9 **00409-8207833 Rev A**, COMMUNICATION SYSTEM INST CAD TO SPRT CSRR
2.2.2.9.1 LAR-77882
2.2.2.9.2 LAR-77919
2.2.2.9.3 LAR-78516A
2.2.2.9.4 LAR-78516B
2.2.2.9.5 LAR-78672
2.2.2.9.6 LAR-78703
2.2.2.9.7 LAR 78799

2.2.2.9.8	LAR-78856A
2.2.2.9.9	LAR-78941A
2.2.2.9.10	LAR-78941B *
2.2.2.9.11	LAR-78969
2.2.2.9.12	LAR-79078A
2.2.2.9.13	LAR-79099
2.2.2.9.14	LAR-79105
2.2.2.9.15	LAR-79141
2.2.2.9.16	LAR-79196
2.2.2.9.17	LAR-79197
2.2.2.9.18	LAR-79233
2.2.2.9.19	LAR-79583
2.2.2.9.20	LAR-79591
2.2.2.9.21	LAR-80176
2.2.2.9.22	LAR-80354
2.2.2.9.23	LAR-80398
2.2.2.9.24	LAR-80398A
2.2.2.9.25	LAR-80400
2.2.2.9.26	LAR-80465
2.2.2.9.27	LAR-80468
2.2.2.9.28	LAR-80786
2.2.2.9.29	LAR-80901
2.2.2.9.30	LAR-80906
2.2.2.9.31	LAR-80930
2.2.2.9.32	LAR-80931
2.2.2.9.33	LAR-80986
2.2.2.9.34	LAR-81067
2.2.2.9.35	LAR-81123
2.2.2.9.36	LAR-81348
2.2.2.9.37	LAR-81399
2.2.2.9.38	LAR-81438
2.2.2.9.39	LAR-81440 *
2.2.2.9.40	LAR-81444
2.2.2.9.41	LAR 81632A
2.2.2.9.42	LAR-81950
2.2.2.9.43	LAR-82107
2.2.2.9.44	LAR-82108
2.2.2.9.45	LAR-83517
2.2.2.9.46	LAR-83585
2.2.2.9.47	LAR-83631
2.2.2.9.48	LAR-83688
2.2.2.9.49	LAR-83716B *
2.2.2.9.50	LAR-84217 *
2.2.2.9.51	LAR-84217A *
2.2.2.9.52	LAR-85102A *
2.2.2.9.53	LAR-85248
2.2.2.9.54	RLAR-23047
2.2.2.9.55	RLAR-23851
2.2.2.9.56	RLAR-23926
2.2.2.9.57	RLAR-24033
2.2.2.9.58	RLAR-24199
2.2.2.9.59	RLAR-24240
2.2.2.9.60	RLAR-24323

2.2.2.9.61 RLAR-24327
2.2.2.9.62 RLAR-24358 *
2.2.2.9.63 RLAR-24361 *
2.2.2.9.64 RLAR-24423 *
2.2.2.9.65 RLAR-24470 *

2.2.2.10 00409-8207834 Rev A, COMMUNICATION SYSTEM WIRING TABLE TO SUPPORT CSRR

2.2.2.10.1 LAR-77883
2.2.2.10.2 LAR-77919
2.2.2.10.3 LAR-78153 *
2.2.2.10.4 LAR-78516A
2.2.2.10.5 LAR-78516B
2.2.2.10.6 LAR-78703
2.2.2.10.7 LAR 78856A
2.2.2.10.8 LAR-78941A
2.2.2.10.9 LAR-78941B *
2.2.2.10.10 LAR-78969
2.2.2.10.11 LAR-79078A
2.2.2.10.12 LAR 79105
2.2.2.10.13 LAR 79141
2.2.2.10.14 LAR-79196
2.2.2.10.15 LAR-79197
2.2.2.10.16 LAR-79214 *
2.2.2.10.17 LAR-79233
2.2.2.10.18 LAR-79583
2.2.2.10.19 LAR-79589
2.2.2.10.20 LAR-79590
2.2.2.10.21 LAR-79591
2.2.2.10.22 LAR-79637
2.2.2.10.23 LAR-79659
2.2.2.10.24 LAR-80176
2.2.2.10.25 LAR-80354
2.2.2.10.26 LAR-80398
2.2.2.10.27 LAR-80398A
2.2.2.10.28 LAR-80468
2.2.2.10.29 LAR-80475
2.2.2.10.30 LAR-80641 *
2.2.2.10.31 LAR-80786 *
2.2.2.10.32 LAR-80901
2.2.2.10.33 LAR-80906
2.2.2.10.34 LAR-80930
2.2.2.10.35 LAR-80986
2.2.2.10.36 LAR-81067
2.2.2.10.37 LAR-81118
2.2.2.10.38 LAR-81123
2.2.2.10.39 LAR-81348
2.2.2.10.40 LAR-81399
2.2.2.10.41 LAR-81438
2.2.2.10.42 LAR-81444
2.2.2.10.43 LAR-81632A *
2.2.2.10.44 LAR-81632
2.2.2.10.45 LAR-81950
2.2.2.10.46 LAR-82107
2.2.2.10.47 LAR-82108

2.2.2.10.48 LAR-83517
 2.2.2.10.49 LAR-83585
 2.2.2.10.50 LAR-83631
 2.2.2.10.51 LAR-83632
 2.2.2.10.52 LAR-83688
 2.2.2.10.53 LAR-84217*
 2.2.2.10.54 LAR-84217A*
 2.2.2.10.55 LAR-84968 *
 2.2.2.10.56 LAR-84976B
 2.2.2.10.57 LAR-85102A
 2.2.2.10.58 RLAR-23048
 2.2.2.10.59 RLAR-23927
 2.2.2.10.60 RLAR-24032
 2.2.2.10.61 RLAR-24200
 2.2.2.10.62 RLAR-24345
 2.2.2.10.63 RLAR-24359 *
 2.2.2.10.64 RLAR-24363 *
 2.2.2.10.65 RLAR-24424 *
 2.2.2.10.66 RLAR-24471 *
 2.2.2.11 00409-8207838 Rev -, IFF SYSTEM RIPOUT AND INSTL CAD TO SUPPORT CSRR
 2.2.2.12 00410-8207840 Rev A, RADIO NAV SYS RIPOUT AND INSTL CAD TO SUPPORT CSRR
 2.2.2.12.1 LAR-78516B
 2.2.2.12.2 LAR-79892
 2.2.2.12.3 LAR-80906
 2.2.2.12.4 RLAR-23287
 2.2.2.12.5 RLAR-23901
 2.2.2.12.6 RLAR-24189
 2.2.2.13 00425-8207842 Rev -, PERISCOPE SYS RIPOUT AND INSTL CAD TO SUPPORT CSRR
 2.2.2.13.1 LAR-78306
 2.2.2.13.2 LAR-79476
 2.2.2.13.3 RLAR-23298 *
 2.2.2.13.4 RLAR-23807
 2.2.2.13.5 RLAR-24360 *
 2.2.2.14 00302-8207844 Rev A, CABLE ROUTING AND WIREWAY MODS TO SUPPORT CSRR
 2.2.2.14.1 LAR-77327
 2.2.2.14.2 LAR-77397
 2.2.2.14.3 LAR-78021
 2.2.2.14.4 LAR-78172
 2.2.2.14.5 LAR-78172A
 2.2.2.14.6 LAR-78172B
 2.2.2.14.7 LAR-78202
 2.2.2.14.8 LAR-78263
 2.2.2.14.9 LAR-78600
 2.2.2.14.10 LAR-78785
 2.2.2.14.11 LAR-78817
 2.2.2.14.12 LAR 79724
 2.2.2.14.13 LAR-79890
 2.2.2.14.14 LAR-79938
 2.2.2.14.15 LAR-79984
 2.2.2.14.16 LAR-79986
 2.2.2.14.17 LAR-80092
 2.2.2.14.18 LAR-80289
 2.2.2.14.19 LAR-80447

2.2.2.14.20 LAR-80447A
 2.2.2.14.21 LAR-82831A
 2.2.2.14.22 LAR-83352
 2.2.2.14.23 LAR-84365
 2.2.2.14.24 LAR-84691
 2.2.2.14.25 LAR-84836
 2.2.2.14.26 RLAR-21948
 2.2.2.14.27 RLAR-24011
 2.2.2.14.28 RLAR-24371
 2.2.2.14.29 RLAR-24364 *
 2.2.2.15 00401-8207851 Rev A, MAST POSITION INDICATOR SYSTEM IC CKT K-EH & C-2ML MOD TO SUPPORT CSRR
 2.2.2.15.1 LAR-77319
 2.2.2.15.2 RLAR-21744
 2.2.2.15.3 RLAR-21964
 2.2.2.15.4 RLAR-23817
 2.2.2.15.5 RLAR-23875
 2.2.2.16 00613-8207853 Rev -, SUBLAN 1 MOD TO SUPPPORT INSTL OF CSRR
 2.2.2.16.1 LAR-85649 *
 2.2.2.16.2 RLAR-22009
 2.2.2.16.3 RLAR-23095
 2.2.2.16.4 RLAR-23679
 2.2.2.16.5 RLAR-23680
 2.2.2.16.6 RLAR-23815
 2.2.2.16.7 RLAR-23992
 2.2.2.17 00502-8207897 Rev -, RELO OF AC CONTROL SYS COMP TO SUIT CSRR INC 01
 2.2.2.18 00412-8207905 Rev -, CKT R-SL R/O INSTL & WT MOD TO SUPPORT INSTALLATION OF CSRR ON AN/BQQ-5 SHIP
 2.2.2.18.1 LAR-78015
 2.2.2.18.2 LAR-81026
 2.2.2.18.3 RLAR-21994
 2.2.2.19 00445-8207907 Rev A, MISC ARR MODS TO SUPPORT CSRR OUTSIDE OF RADIO ROOM
 2.2.2.19.1 LAR-78893
 2.2.2.19.2 LAR-78896
 2.2.2.19.3 LAR-79238A
 2.2.2.19.4 LAR-79353
 2.2.2.19.5 LAR-79570
 2.2.2.19.6 LAR-79672
 2.2.2.19.7 LAR 81438
 2.2.2.19.8 RLAR-23051
 2.2.2.19.9 RLAR-23360
 2.2.2.19.10 RLAR-23476
 2.2.2.19.11 RLAR-23565
 2.2.2.19.12 RLAR-23839
 2.2.2.19.13 RLAR-24093
 2.2.2.19.14 RLAR-24370
 2.2.2.19.15 RLAR-24404
 2.2.2.20 00113-8207926 Rev A, RIPOUT & INSTL FDNS FOR ELECTRICAL EQUIP FOR CSRR
 2.2.2.20.1 LAR-79774
 2.2.2.20.2 LAR-81438
 2.2.2.20.3 LAR-84046
 2.2.2.20.4 LAR-84807
 2.2.2.20.5 RLAR-23381

- 2.2.2.20.6 RLAR-23394
- 2.2.2.20.7 RLAR-23541
- 2.2.2.20.8 RLAR-24123
- 2.2.2.20.9 RLAR-24309
- 2.2.2.21 **00404-8207943 Rev -**, ESM CKT R-CI MOD TO SUPPORT CSRR – INSTL AND R/O CAD
- 2.2.2.21.1 **LAR-78516A**
- 2.2.2.21.2 RLAR-21693
- 2.2.2.21.3 RLAR-21793
- 2.2.2.21.4 RLAR-21949
- 2.2.2.21.5 RLAR-23286
- 2.2.2.22 **00404-8207944 Rev -**, ESM CKT R-CI MOD TO SUPPORT CSRR – INSTL WT
- 2.2.2.22.1 **RLAR-21694***
- 2.2.2.22.2 **RLAR-21794***
- 2.2.2.23 **00302-8207952 Rev -**, POWER MODS TO SUPPORT INSTL OF CSRR
- 2.2.2.23.1 RLAR-24269
- 2.2.2.24 **00401-8208131 Rev -**, IC CKTS “HI-FI” “SE” & “SIOTE 200” MODS TO SUPPORT INSTL OF CSRR
- 2.2.2.24.1 LAR-77320
- 2.2.2.24.2 RLAR-21884
- 2.2.2.24.3 RLAR-23571
- 2.2.2.25 **00410-8208132 Rev -**, IC CKT “LN” SYSTEM MOD TO SUPPORT INSTL OF CSRR
- 2.2.2.25.1 LAR-77320
- 2.2.2.25.2 RLAR-21745
- 2.2.2.25.3 RLAR-21885
- 2.2.2.26 **00613-8208134 Rev -**, PIER SYSTEM MOD TO SUPPORT INSTL OF CSRR
- 2.2.2.26.1 LAR-77320
- 2.2.2.26.2 RLAR-23096
- 2.2.2.26.3 RLAR-23650
- 2.2.2.26.4 **RLAR-21887 ***
- 2.2.2.27 **00401-8208218 Rev -**, SHORE TELEPHONE SYSTEM CKT “J” MOD TO SUPPORT INSTL OF CSRR
- 2.2.2.27.1 RLAR-21830
- 2.2.2.28 **53711-8208367 Rev A**, CSRR STUD WELDING FIXTURE FOR RACKS (For reference only)
- 2.2.2.29 **00113-8208390 Rev A**, CSRR – MODS TO FOUNDATIONS & STR – 1ST PLATF
- 2.2.2.29.1 **LAR-80297A**
- 2.2.2.30 **00608-8208391 Rev -**, CSRR – MODS TO LOCKERS & STOWAGES
- 2.2.2.30.1 RLAR-23269
- 2.2.2.30.2 RLAR-23269A
- 2.2.2.30.3 RLAR-23624
- 2.2.2.30.4 RALR-24211
- 2.2.2.31 **Dwg 50225-06892600 Rev D**, 688 Class Mechanical Installation for CSRR I1V3
- 2.2.2.32 **Dwg 50225-06892601 Rev D**, 688 Class Electrical Installation for CSRR I1V3
- 2.2.2.33 **Dwg 50225-06892602 Rev D**, 688 Class wiring Table for CSRR I1V3

- 2.2.3 **SAR 4733KP, ADNS**

- 2.2.4 **SAR 4737, Crypto Universal Enclosure (CUE)**

- 2.2.5 **ENGINEERING CHANGE ORDER, EHF CIPHER TEXT TIP, EC 04R1 (TMIN: EE130-B7-ECO-004 REV 1)**

- 2.2.6 **ENGINEERING CHANGE ORDER, ADNS K(V)3, EC 01 (TMIN: EE100-YZ-ECO-001)**

- 2.2.7 **ENGINEERING CHANGE ORDER, SLVR, EC 02R1 (TMIN: EE100-WT-ECO-002 REV 1)**

- 2.2.8 ENGINEERING CHANGE ORDER, COMSEC KIV-7M (KWR-46), EC 01 (TMIN: EE180-S6-ECO-001)
- 2.2.9 ENGINEERING CHANGE ORDER, CSRR EC-26 (TMIN: EE109-E1-ECO-026)
- 2.2.9.1 50225-06892620, CSRR ADNS SP2 MECHANICAL RIPOUT & INSTALLATION
- 2.2.9.2 50225-06892621, CSRR ADNS SP2 ELECTRICAL RIPOUT & INSTALLATION
- 2.2.9.3 50225-06892622, CSRR ACNS SP2 WIRING TABLES
- 2.2.10 ENGINEERING CHANGE ORDER, CSRR CDMT EC-25r1 (TMIN: EE109-E1-ECO-025 rev 01) and attachments
- 2.2.11 ENGINEERING CHANGE ORDER, CSRR HM&E CABLING AND EQUIPMENT, EC-22r2 (TMIN: EE109-E1-ECO-022 rev 02) and attachments
- 2.2.12 ENGINEERING CHANGE ORDER, CSRR EC-30, (TMIN: EE109-E1-ECO-030) and attachments
- 2.2.12.1 PLAR P00987-13 (and redlines)
- 2.2.12.2 PLAR P01097 (and redlines)
- 2.2.13 ENGINEERING CHANGE ORDER, RFDACES EOL UPGRADES EC-29r1 (TMIN: EE109-E1-ECO-029 REV 1)
- 2.2.13.1 50225-06892630, RFDACS MECHANICAL RIPOUT & INSTALLATION
- 2.2.13.2 50225-06892631, RFDACS ELECTRICAL RIPOUT & INSTALLATION
- 2.2.13.3 50225-06892632, RFDACS WIRING TABLES
- 2.2.14 ENGINEERING CHANGE ORDER, RFDACS EC-06R1, (TMIN: EE110-CL-ECO-006 REV 1)
- 2.2.15 ENGINEERING CHANGE ORDER, TFDS EC 02 (TMIN:EE108-AK-ECO-002)

3.0 **PERFORMANCE REQUIREMENTS**

Requirements Summary:

Ship/System	Job ID	PICO	H/W Install	S/W Load	SOVT	SME Support	Train	Remarks
(b)(7)(e)								
CSRR INC1V3, SA 4697KP (Including NMT SA 4605 and linked tasks)	119060		X					

3.1 **GENERAL Requirements**

- 3.1.1 All efforts under this Task Order shall be in conformance with the requirements of the Basic Contract, Ref. 2.1.1.
- 3.1.2 Comply with all requirements for Alteration Installation Teams (AITs) as established by Ref 2.1.2.
- 3.1.3 Comply with the General Requirements of Standard Item 009-01, Ref 2.1.3.
- 3.1.4 Comply with the Quality Management System requirements of Standard Item 009-04, Ref. 2.1.3.
- 3.1.5 Maintain work area cleanliness in accordance with Standard Item 009-06.
- 3.1.6 Develop Process Control Procedures IAW Std. Item 009-09, ref 2.1.3, as required by work processes.
- 3.1.7 Comply with the Government Property Control requirements of Standard Item 009-20, Ref 2.1.3
- 3.1.8 Comply with the requirements of Std Item 009-22, Ref. 2.1.3, for all installed and relocated electrical cable.

- 3.1.9 Comply with the Interferences requirements of Std. Item 009-23, ref. 2.1.3, for all removed interferences.
- 3.1.10 Comply with the Work Authorization Control and Isolation and Blanking requirements of Standard Item 009-24, Ref 2.1.3
- 3.1.11 Comply with the requirements of Std Item 009-73, ref. 2.1.3, for all installed and relocated electronic, electrical and fiber optic cable.
- 3.1.12 Comply with the Occupational Safety and Health requirements of Standard Item 009-74, Ref. 2.1.3, and 29 CFR Part 1915, Ref. 2.1.4.
- 3.1.13 Comply with the requirements of Std. Item 009-81, ref 2.1.3, for all compartment closeouts.
- 3.1.14 Comply with the Special Requirements for Non-SUBSAFE Work on SUBSAFE Certified Vessels of Standard Item 009-109, Ref. 2.1.3.
- 3.1.15 Comply with the Special Requirements for Non-Nuclear Work on Nuclear Vessels of Standard Item 009-110, Ref. 2.1.3.
- 3.1.16 Contractor shall provide installation support during SOVT of all installed systems, including repair of any installation discrepancies found during SOVT, minor disassembly/removal and assembly/replacement of units or components to facilitate test requirements and/or inspection. The installation support should consist of one person on day shift and two personnel on night shift for at least three weeks after the start of the SOVT.
- 3.1.17 Develop a QA Workbook in accordance with Ref. 2.1.2, Para. 3.4.8.7, and submit to the local SSC PAC QA Office for review not later than 5 days prior to commencing work. A separate QA Workbook shall be developed for each platform under this Task Order.
- 3.1.18 Provide electronic deliverables in formats compatible with the latest NMCI Gold Disk applications.
- 3.1.19 Provide a detailed Plan of Action and Milestones (POAM) for accomplishing the requirements of this order. POAM shall be developed IAW ref. 2.1.2, and delivered within two weeks of task award. A separate POAM shall be developed for each platform under this Task Order.
- 3.1.20 All installation and SOVT efforts on board ships shall be performed within the availability window listed in paragraph 1.2. Specific dates within that window shall be coordinated with the On-Site Installation Coordinator (OSIC) and System AITM identified in Para. 12.
- 3.1.21 Contractor shall conduct an Out-Brief with Ships Force (Division Officer or designated CPO or higher) upon completion of all tasks. Out-Brief shall be IAW ref 2.1.2, and shall be coordinated through OSIC and System AITM.
- 3.1.22 The contractor is to supply sufficient storage containers for all ripout material as well as all GFM. No government storage will be available.
- 3.1.23 KTR shall perform SA 4697, CSRR I1V3 kit inspection/inventory prior to kit shipment date. Inspection shall take place at the CSRR Production Facility (BLDG 3112), located at Joint Base Charleston-SPAWAR Atlantic. KTR shall perform the inspection ensuring Quality Assurance (QA) and material management. KTR shall utilize the GFI and applicable shipping documents during kit inspection. Upon completion of inspection, KTR shall provide a report (CDRL-A003E), detailing any discovery of discrepancies identified and deliver to the Task Originator. **Contractor shall be ready and available to travel to Charleston within 5 business days of the Date of Award.**

3.2 COMMON SUBMARINE RADIO ROOM (CSRR) INC 1 V 3, SA 4697 (JID 119060)

- 3.2.1 Accomplish SA 4697 on board (b)(7)(e) IAW ref. 2.2.2..
- 3.2.2 Replace the entire radio room deck (both radio and ESM sides) when work is complete.
- 3.2.3 Comply with the requirements of Std. Item 009-11 for all removed, disturbed and installed insulation and lagging.
- 3.2.4 Comply with the requirements of Std. Item 009-12, ref 2.1.3, for all welding and hotwork.
- 3.2.5 Comply with the Cleaning and Painting requirements of Std. Item 009-32 for all disturbed and new surfaces.
- 3.2.6 Personnel performing connector and/or fiber terminations shall be certified IAW Std Item 009-73, ref. 2.1.3.
- 3.2.7 As part of CSRR, accomplish ShipAlt 4605, NMT Q-Band IAW ref. 2.2.1.
- 3.2.8 Comply with the Waveguide Layup requirements of Std. Item 009-76 for re-used waveguides.

- 3.2.9** ShipAlt 4737, Crypto Universal Enclosure, is accomplished as part of CSRR. SAR 4737, ref 2.2.4 is provided for reference only; no additional work is ordered by this SAR.
- 3.2.10** Accomplish the following ECs associated with CSRR Inc1V3 IAW the referenced GFI:
- 3.2.10.1** EHF CIPHER TEST TIP, EC 04R1 (ref 2.2.5)
 - 3.2.10.2** ADNS INC III EOL ROUTER REPLACEMENT, EC 01 (ref 2.2.6)
 - 3.2.10.3** SLVR HW UPGRADE, EC02R1 (ref 2.2.7)
 - 3.2.10.4** KW-46 MODERNIZATION, EC 01 (ref 2.2.8)
 - 3.2.10.5** CSRR ADNS SP2 ROUTER REPLACEMENT, EC 26 (ref 2.2.9)
 - 3.2.10.6** CSRR CDMT, EC 25R1 (ref 2.2.10)
 - 3.2.10.7** CSRR HM&E CABLING AND EQUIPMENT, EC 22R2 (ref 2.2.11)
 - 3.2.10.8** CSRR KW-46M UPGRADE, EC 30 (ref 2.2.12)
 - 3.2.10.9** CSRR RFDACS EOL UPGRADES, EC 29R1 (ref 2.2.13)
 - 3.2.10.10** RFDACS L1.0.0.0 UPGRADE, EC 06R1 (ref 2.2.14)
 - 3.2.10.11** TFDS ALARM FIX, EC02 (ref 2.2.15)
- 3.2.11** Provide Technical Support personnel to assist Government Subject Matter Experts (SMEs) in the performance of the CSRR SOVT.
- 3.2.11.1** The level of effort required for the SOVT support personnel is 3 people for 36 days straight, 12 hours per day (14 SEP 15 to 19 OCT 15).
 - 3.2.11.2** Between them, the 3 persons assigned shall have experience in the operation, configuration and troubleshooting of the following submarine-based systems: ADNS Inc3, EHF (Follow on Terminal (FOT) and NMT(Navy Message Terminal), Mini-DAMA, Software systems such as CSRR I1V3 Control and Monitoring (C&M), Trusted Thin Client, Submarine Single Messaging Solution (SubSMS), DMR, SLVR, KIV-7M, KY-99, and KG-175D Taclane.
 - 3.2.11.3** The contractor shall provide testing and troubleshooting support to the Test Director and shall direct any questions or conflicts regarding the work directly to the Test Director. The contractor shall aid in testing to verify the installed or modified submarine external communications equipment interfaces with the existing communications system. The contractor shall move equipment on and off the submarines to support testing and replacement of failed parts. The contractor shall perform troubleshooting, to include cable and wire ring-outs, signal checking, and shall connect various CSRR Components using System Drawings. The contractor shall provide information to the Government Test Director reporting what the contractor accomplished each day. This information shall include testing accomplished, troubleshooting conducted, and items repaired or replaced. This information can be presented verbally or in writing, at the discretion of the Test Director. The contractor will accomplish and sign off various SOVT tests associated with the CSRR SOVT. The Test Director will sign off the overall CSRR SOVT.

4.0 INFORMATION ASSURANCE (IA)

- 4.1** The Contractor shall ensure that personnel accessing information systems have the proper and current IA certification to perform IA functions in accordance with DoD 8570.01 -M, Information Assurance Workforce Improvement Program, Ref 2.1.5. The Contractor shall meet applicable information assurance certification requirements, including (a) DoD-approved IA workforce certifications appropriate for each specified category and level and (b) appropriate operating system certification for information assurance technical positions as required by DoD 8570.01 -M. Contractor personnel who do not have proper and current certifications shall be denied access to DoD information systems for the purpose of performing information assurance functions. The contractor shall provide documentation supporting the information assurance certification status of personnel performing information assurance functions, reporting current IA certification status and compliance using CDRL Contractor Roster, DI-MGMT-81596 in the format prescribed by the COR."

5.0 GOVERNMENT FURNISHED PROPERTY

Only the GFP identified as "provided" and listed in the quantity shown on the approved installation documents (see PWS section 2.2), or as specifically identified as GFP (or GFM/GFE) in this PWS shall be

furnished by the Government. The Government may provide approved installation documents not listed on this PWS, but this section shall still apply. All GFP will be provided in an “as-is” condition unless otherwise specified. All responsibilities on behalf of the Government and the Contractor with regard to this PWS section shall be in accordance with FAR Clause 52.245-1.

5.1 Government Furnished Information (GFI)

- 5.1.1** Applicable documents listed in paragraph 2.2 of this PWS are available on IMOTracker Portal. All other documents listed in paragraph 2.1 are the contractor’s responsibility to obtain. The Government may provide approved installation documents not listed on this PWS, but this section shall still apply.

5.2 Government Furnished Material/Government Furnished Equipment (GFM/GFE)

- 5.2.1** Only the material/equipment listed in the quantity shown as “furnished with kit” or “GFM” or “GFE” on the approved installation documents or as listed in this SOW shall be furnished by the government. All equipment and materials listed as “IAF” in Installation Documents are the responsibility of the contractor to provide. All other material/equipment required in the performance of the tasks including ancillary and consumable materials shall be furnished by the contractor. The contractor shall be in compliance with the basic contract for the care and keeping of all Government Furnished Material/Equipment (GFM/GFE) which is transferred under this task order. All material/equipment not used shall be returned to the government at the end of the task unless otherwise specified in Section 9 of this PWS. All GFM will be furnished in an “as-is” condition unless otherwise specified. All responsibilities on behalf of the Government and the Contractor with regard to this PWS section shall be in accordance with FAR Clause 52.245-1.

- 5.2.2** All GFE/GFM to be picked up at SSC PAC (Bldg. 992, Pearl City, HI.) shall be picked up within seven (calendar) days of being notified by the applicable system AIM (para. 10). Contractor shall provide secure storage for all GFE/GFM from the time of pick up until it is ready for installation on board the ship.

6.0 OTHER

- 6.1 Security:** Contractor’s request for visit authorization shall be submitted through the Joint personnel Adjudication System (JPAS) to Pearl Harbor Naval Shipyard and the platforms identified under this Task Order. Allow 7 days for processing. Personnel clearance requirements are defined in the Basic Contract, ref. 2.1. However, contractor personnel assigned to conduct the installation within security areas shall have a clearance appropriate for that area. Visit requests shall also be submitted to the (b)(7)(e) through the Joint Personnel Adjudication System (JPAS). The Contractor shall ensure all sub-contractors utilized for this PWS meet security requirements.

6.2 Place of Performance

- 6.2.1** Work will be performed at the locations listed in Paragraph 1.1.

6.3 Period of Performance

- 6.3.1** Period of Performance is by Job ID and as listed in para. 2.1 of this PWS.

6.4 Transportation

- 6.4.1** Travel to, and in and around, Pearl Harbor, HI, is authorized under this Task Order.

6.5 Inspection/QASP

- 6.5.1** Inspection of the work shall be accomplished as identified by the Quality Assurance Surveillance Plan (QASP), Attachment (1).

6.5.2 The performance of the contractor and the quality of the work delivered, including any documentary material written or compiled, shall be subject to in-process review and inspection.

6.5.3 Inspections may be accomplished at any work location by any authorized government personnel who shall be permitted to inspect work at all reasonable hours.

6.6 Acceptance

6.6.1 The SSC Pacific Contracting Officer Representative (COR) is responsible for the acceptance of the final deliverable products.

6.6.2 The COR's final acceptance shall be based upon the AIT Manager's or designated alternates recommendation, ensuring the delivery order has been satisfactorily completed, all deliverable products have been received and Government Provided Property and all residual materials, (notes, tech manuals, brochures, research material and remaining supplies), have been received.

6.7 Earned Value Management System (EVMS):

6.7.1 Contractor shall provide EVM data in IMO modified format. EVM data shall be uploaded to IMO system no later than close of business on the day before contractor's scheduled weekly EVM meeting.

7.0 DATA DELIVERABLES

7.1 Required CDRL items are listed in Attachment (2).

8.0 SUBCONTRACTING REQUIREMENTS

8.1 In accordance with the basic contract, reference 2.1.1.

9.0 CONSTRAINTS/SPECIAL REQUIREMENTS

9.1 Material Management/Disposition Plan

9.1.1 Upon completion of individual task orders, the contractor shall remove all excess material/equipment from the work site, and stage the items in contractor furnished warehouse facilities. Unless prior arrangements are made via the task order, the contractor shall submit a disposition inventory list (CDRL A006) outlining Government property/material along with a request form for Plant Clearance action to the cognizant Defense Contract Management Agency (DCMA) and COR within 15 days after completion of each task.

9.1.2 After right of first refusal is received from the COR, the contractor shall coordinate with the DCMA Plant Clearance Officer for the disposition of excess material and equipment.

9.1.3 Hazardous Material storage and disposal shall conform to federal, state, and local regulations and the requirements of this Performance Work Statement. The contractor shall also comply with any additional Hazardous Materials requirements of host activities such as Government/Private shipyards, military bases, foreign countries, etc.

9.2 Environmental Requirements for Pearl Harbor Naval Shipyard

9.2.1 Contractors are required to comply with local regulations for Environmental compliance. Attachment 5, Environmental Agreement for Contractors on Ship Projects, is provided by Pearl Harbor Naval Shipyard Environmental Office for contractor guidance.

9.2.2 Contractors will be required to complete all applicable sections of Attachment 6 , Contractor Environmental Checklist, and submit to the Environmental Office prior to beginning production work. Submission of form is required even if all aspects are “Not Applicable”.

9.3 Lessons Learned

9.3.1 Upon completion of all production and SOVT efforts under this Task Order, contractor shall prepare a Lessons Learned Report (CDRL A003D) in contractors own format, covering the following items:

9.3.2 List, by Job ID, all LARs submitted and received under this task order with a brief description of each, and their impact to cost, schedule and performance. Do not include LARs that were in effect at time of award.

9.3.3 Identify any impacts to cost, schedule or performance from external factors, including: support services, ships force impacts (space/personnel availability, drills/exercises, etc.), other contractors, schedule changes, and weather or natural phenomena. Provide recommendations for future improvements.

9.3.4 List impacts to cost, schedule or performance due to system interfaces or software incompatibilities. Provide recommendations, where possible.

9.3.5 List best practices and efficiencies realized, and their benefit to cost, schedule or performance.

10.0 POC DESIGNATIONS

10.1 **On-Site Installation Coordinator (OSIC) -** (b)(7)(e)

(b)(7)(e)

(b)(6)

(b)(6)

Email: (b)(6)

10.2 Contracting Officer’s Representative (COR):

10.2.1 (b)(6) (619)524-2485 **Email:** (b)(6)

10.2.2 (b)(6) (619)524-2782 **Email:** (b)(6)

(b)(6) (619)221-4530 **Email:** (b)(6)